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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Applicant: JEAN-YVES CHENARD ET AL : Group 153

Serial No.: 254,313 : Examiner:
V. Hoke

Filed: April 15, 1981 :

For: IMPROVEMENT IN THE STABILIZATION
OF VINYL HALIDE POLYMERS

DECLARATION OF JEAN-YVES CHENARD -- 37 CFR 1.131

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

I, JEAN-YVES CHENARD, do hereby declare that:

1. I am the Jean-Yves Chenard who is an applicant in the above-identified application.
2. Together with Jean-Claude Mendelsohn, I conceived and reduced to practice the broad idea of the generic invention described in French Patent Application No. 78 24863, filed August 29, 1978, whose priority is claimed in the above-identified application.
3. The generic invention of our conception is contained in the claims of our French Patent Application; an English translation of those claims is attached.
4. Our conception of the invention relates to an improvement in the use of metal compounds to stabilize halogen-containing resins; the improvement involves the addition of an ester of a mercapto alcohol and a carboxylic acid.

5. Our conception of the invention as it relates to tin involved organotin compounds broadly; this is seen from claims 4 and 11.
6. Our conception of the invention as it relates to organotin compounds embraced the field of useful organotin stabilizers; it was never our idea that certain types of organotin compounds, such as the halogen-containing organotin compounds, which were in themselves known to be useful stabilizers, were to be excluded from the scope of our conception.
7. Our conception of the scope of our invention included the obvious and well-known halogen-substituted organotin stabilizers; the work done on our behalf by Michel Foure confirmed that our invention was indeed effective when the organotin compound contains halogen.
8. Jean-Claude Mendelsohn and I were fully aware of the work conducted by Michel Foure in the United States in connection with the combination of halogen-containing organotin compounds and mercaptoesters; this work was done in close consultation with us and represents an embodiment of our invention as described in French Patent Application 78 24863 and described and claimed in the above-identified application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and those like so made are punishable by fine or imprisonment, or both, under Section

1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

26/07/84

Date

JY Chenard

Jean-Yves Chenard